CLAIMS

I claim:

1. A light fixture, comprising:

a cowl comprising an open end, a closed end, and an inner surface forming a cavity;

a socket positioned within the cavity and coupled to the inner surface of the closed end of the cowl, the socket being capable of receiving a base of a lamp;

a collar coupled to the cowl completely within the cavity formed by the cowl, and comprising an internal surface, an external surface, an inner aperture comprising a diameter at least capable of receiving the base of the lamp and a perimeter that follows contours of the inner surface of the cowl;

a lamp coupled to the socket, the lamp comprising a base and at least one contact; and

a stem coupled to the cowl for supporting the cowl so that the open end of the cowl faces generally downward.

2. The light fixture of claim 1, wherein the collar is coated with a corrosion-resistant coating.

3. The light fixture of claim 2, wherein the coating is a powder coating.

4. The light fixture of claim 2, wherein the coating is paint.

5. The light fixture of claim 2, wherein the coating is a reflective finish.

6. The light fixture of claim 2, wherein the coating is applied only to the inner surface of the collar.

7. The light fixture of claim 1, wherein the cowl comprises a crown portion and a skirt portion, the skirt portion comprising a generally conical cross-section, a first open end and a second open end, whereby a diameter of the second open end is larger than a diameter of the first open end, and the crown portion comprising a generally cylindrical cross-section, an open end and the closed end of the cowl, whereby the open end of the crown portion is coupled to the first open end of the skirt portion.

8. The light fixture of claim 1, wherein the lamp further includes at least one bayonet pin coupled to the base of the lamp.

9. The light fixture of claim 1, further comprising an O-ring coupled to the lamp and contacting the collar for sealing the inner aperture, the O-ring comprising an inner diameter approximately equal to an outside diameter of the base of the lamp.

10. The light fixture of claim 1, further comprising a spring having an outer diameter adapted to closely fit within the sprocket, the spring capable of providing a force for holding the at least one contact in electrical connection with the socket.

11. The light fixture of claim 1, further comprising a head fitting coupled to the cowl for attaching the cowl to the stem.

12. The light fixture of claim 1, wherein the collar is sealed to the inner surface of the cowl.

13. The light fixture of claim 12, wherein the collar is sealed using a silicone sealant.

14. The light fixture of claim 12, wherein the collar is sealed using an O-ring.

15. The light fixture of claim 1, further comprising a ground spike coupled to the stem.

16. The light fixture of claim 1, wherein the stem is coupled to the cowl at the closed end.

17. The light fixture of claim 1, wherein the stem is coupled to the cowl on a side surface of the cowl.

18. A light fixture, comprising:

a cowl comprising a crown portion and a skirt portion, the skirt portion comprising a generally conical cross-section, a first open end and a second open end, whereby a diameter of the second open end is larger than a diameter of the first open end, and the crown portion comprising a generally cylindrical cross-section, an open end and the closed end of the cowl, whereby the open end of the crown portion is coupled to the first open end of the skirt portion;

a socket positioned within the cavity and coupled to the inner surface of the closed end of the cowl, the socket being capable of receiving a base of a lamp;

a collar coupled to the cowl completely within the cavity formed by the cowl, and comprising an internal surface, an external surface, an inner aperture comprising a diameter at least capable of receiving the base of the lamp and a perimeter that follows contours of the inner surface of the cowl, wherein at least a portion of the collar is coated with a reflective coating;

a lamp coupled to the socket, the lamp comprising a base and at least one contact; and

a stem coupled to the cowl for supporting the cowl so that the open end of the cowl faces generally downward.

19. The light fixture of claim 18, wherein the reflective coating is a powder coating.

20. The light fixture of claim 18, further comprising an O-ring coupled to the lamp and contacting the collar for sealing the inner aperture, the O-ring comprising an inner diameter approximately equal to an outside diameter of the base of the lamp.